

INTERSPIRO

SPIROMATIC S5

Self Contained Breathing Apparatus



- ❶ Outstanding breathing valve performance
→ **Very low breathing resistance**
- ❷ Integrated ambient air hatch
→ **Fresh air without removing breathing valve**
- ❸ Innovative design of wireless Heads-Up Display
→ **Information conveniently provided without disturbing the firefighter**
- ❹ Secure two-way wireless Heads-Up Display linking
→ **No cables and no mismatch between units**
- ❺ Very comfortable face mask in three sizes
→ **Excellent fit for all face shapes and sizes**
- ❻ Well-proven pneumatics and robust design
→ **Very reliable operation**
- ❼ Regulator flow rates in excess of 1350 litres/min.
→ **Allows extreme breathing rates and connection of a second mask**
- ❽ Ergonomically shaped ventilated backplate
→ **Enhanced comfort and reduced fatigue**



SPIROMATIC S5

Self Contained Breathing Apparatus

REFERS TO PRODUCT(-S) WITH PART NO.(-S)

27100-series 28100-series
27200-series 28200-series

SPIROMATIC S5 is the fifth generation **SCBA** of **NIOSH/NFPA** approved Spiromatic-S. The S-series is a major upgrade and enhancement to the popular and durable Spiromatic model. The Spiromatic S5 is equipped with a wireless Heads-Up-Display (**HUD**), Breathing Apparatus Computer (**BAC**) and Rapid Intervention Connection (**RIC**). It also features a pivoting harness back plate, buddy breathing hose, dual redundant End-Of-Service-Time (**EOST**) indicator and integrated **PASS**. The **S5** is a **NIOSH** certified Self-Contained Breathing Apparatus, **NFPA** 1981, 2002 Edition Compliant and **NIOSH CBRN** approved **SCBA** (High-Pressure version).

Heads-Up-Display (HUD)

A new innovative wireless display provides hands-free indication of remaining cylinder pressure and a visual low air alarm. Conveniently located inside the face mask it is very easy to read without disturbing the firefighter. A unique buddy reading system makes the cylinder pressure information available to fellow fire fighters. The wireless HUD continues the Interspiro modular design approach: the HUD operates independently of the second stage breathing valve and can easily be installed in any Spiromatic S face mask without any tools.

Breathing Apparatus Computer (BAC)

The black box BAC monitors the cylinder pressure and other data, and then sends that information to the HUD. The BAC is powered by standard AAA batteries. The BAC case is in its fourth generation of design, with each generation stronger and more reliable than the last. Mounted on the SCBA backframe the placement is optimal for protection and weight distribution.

Rapid Intervention Connection (RIC)

The new RIC (or UAC, Universal Air Connection) allows for rapid refilling of cylinders under emergency conditions. The fitting allows neighboring departments to rely on one standard RIC solution. Mounting the Interspiro RIC directly to the first stage regulator makes for a simpler, more reliable design.



STANDARDS

- NFPA 1981:2002 Edition

APPROVALS

- NIOSH 42 CFR (Part 84)
- NFPA 1981, 2002 Edition Compliant
- NIOSH CBRN approved SCBA (high pressure version)

INTERSPIRO

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